

CERTIFICATE OF MAILING

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Attorney for Applicant(s)

PATENT APPLICATION

Docket No.:TUC920030091US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Gregory Tad Kishi)
Serial No.: Not yet assigned)
Filing Date: September 5, 2003) Group Art
For: APPARATUS, SYSTEM AND METHOD FOR FLUSHING) Unit:
DATA FROM A CACHE TO SECONDARY STORAGE)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement discloses information which has come to the attention of applicant and his attorneys and is being submitted so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56. In accordance with 37 C.F.R. § 1.97(b), this Statement is being filed within three (3) months of the filing date of the above-identified application or before the mailing date of a first Action on the merits.

Neither applicant nor his attorneys make any representation that any information disclosed herein may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103. Moreover, pursuant to 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement shall not be construed

as a representation that a search has been made or as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.98, this Information Disclosure Statement includes and is accompanied by:

1. A completed copy of Form PTO-1449 listing the patents, publications and other information being submitted for consideration; and
2. A legible copy of each patent, publication and other item of information in written form listed on the enclosed Form PTO-1449.

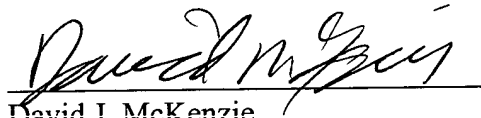
NON-ENGLISH INFORMATION

Pursuant to 37 C.F.R. § 1.98, following is a concise explanation of the relevance (as it is presently understood by the individual designated in 37 C.F.R. § 1.56(c) most knowledgeable about the content of the information), of each listed patent, publication or other information that is not in the English language.

JP20022182952A

ABSTRACT: A method and system utilizing data efficiently importing/exporting a removable storage volume having a number data files from a first virtual storage system to a second virtual storage system. The method includes writing data fragments to the end of the removable storage volume in the first virtual storage system. The data fragments contain information, such as data file headers, that uniquely identifies the data files residing in the removable storage volume. Next, the removable storage volume is transferred to the second virtual storage system. Upon receipt of the volume, the second virtual storage system updates a tape volume cache in the second virtual storage system utilizing the information contained in the data fragments without having to read each of the data files. In one embodiment, the data fragments include at least one data file, a file header preceding the data file and a data fragment trailer.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "David J. McKenzie", is written over a horizontal line.

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Reg. No. 46,919

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Date: September 5, 2003

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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	SERIAL NO. Not yet assigned	ATTORNEY DOCKET NO. TUC920030091US1
	FILING DATE September 5, 2003	GROUP ART UNIT
	APPLICANT(S): Gregory T. Kishi	

REFERENCE DESIGNATION**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	5,907,672	05/25/1999	Matze et al.	395/182.06	10/04/1995
	A2	5,926,834	07/20/1999	Carlson et al.	711/152	05/29/1997
	A3	5,963,971	10/05/1999	Fosler et al.	711/114	10/09/1997
	A4	6,105,037	08/15/2000	Kishi	707/201	12/12/1997
	A5	US 6,269,423	07/31/2001	Kishi	711/113	05/13/1998
	A6	6,282,609	08/28/2001	Carlson	711/112	08/17/2000
	A7	US 6,339,778	01/15/2002	Kishi	707/200	03/24/2000
	A8	US 6,507,883	01/14/2003	Bello et al.	711/4	10/23/2000
	A9	2003/0004980	01/02/2003	Kishi et al.	707/204	06/27/2001

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
						YES	NO
	A10	JP200218252	10/23/00	Japan	G06F3/06		
	A11	EP1202159A2	10/19/01	European	G06F3/06		

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

EXAMINE R INITIAL		DOCUMENT (Including Author, Title, Source, and Pertinent Pages
	A12	High Performance File System For Supercomputing Environment, H. Nishino, S. Naka, K.Ikumi; 1989
	A13	The IBM Virtual Tape Server: Making tape controllers more autonomic, G. T. Kishi; IBM J. Res & Dev. Vol 47 No. 4 July 2003

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).